

## Delta Independent Science Board Educational Briefing Questionnaire

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Please provide short written responses to the following:

1. Program Title: Storm Water
2. Lead Agency/Department for Program: Central Valley Regional Water Quality Control Board
3. Brief Description of Program: The NPDES Storm Water Program (Program) has the responsibility for regulating storm water discharges to surface waters. The Program issues and enforces Storm Water NPDES permits. There are five types of Storm Water NPDES permits: (1) Phase I Municipal Separate Storm Sewer System (MS4) Permit, (2) Phase II MS4 Permit, (3) Construction General Permit, (4) Industrial General Permit and (5) Caltrans General Permit. Primary Program activities include issuing NPDES Phase I Municipal Separate Storm Sewer System (MS4) permits, monitoring Permittee compliance, and enforcing Phase I and II Municipal Separate Storm Sewer Systems (MS4), Construction, Industrial, and Caltrans permits.
4. Purpose and Objectives of Program: The Storm Water Program uses an integrated approach to regulate storm water discharges from industrial facilities, construction sites, and municipal systems. Most permits require monitoring to characterize waste discharges or impacts to surface waters. There are 4 Phase I MS4 and 11 Phase II MS4 municipalities that are located within the legal boundaries of the Delta. There are 36 municipalities outside the Delta, but are tributary to the Delta. All Phase I and certain Phase II municipalities conduct self-monitoring of their storm water discharge. At a minimum, Phase I municipalities conduct baseline monitoring for urban discharge, receiving water, urban and water column toxicity, and dry weather characterization, sediment toxicity monitoring, water quality based monitoring (e.g., pesticide, low dissolved oxygen, mercury), and special studies monitoring (e.g., detention basin, Best Management Practices effectiveness). Medium and large Phase II municipalities may also conduct the same monitoring as Phase I municipalities.
5. Timeline for Program Objectives: Phase I MS4 permits are reviewed and renewed by the Central Valley Regional Water Quality Control Board in a public hearing on a 5-year schedule. The Phase II MS4, Construction, Industrial, and Caltrans permits are reviewed and subject to renewal by the State Water Resources Control Board in a public hearing on a 5-year schedule.
6. Current Status of Program: Ongoing and active
7. Contact Information for Lead Staff of this Program:

Name	Elizabeth Lee (Municipal Permitting & Enforcement)	Steve Rosenbaum (Construction, Industrial, and Caltrans Enforcement)
Title	Unit Chief	Unit Chief
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8. Associated Total Annual Budget for Program: Budget for each type of permit varies depending on their individual monitoring plans. They differ in geographical area covered, constituents collected, number of sampling sites per facility, and number of sampling events per year. Some facilities are completely within the Delta boundaries, and others are not. There are 4124 active construction and industrial facilities regulated by the Sacramento office, and we estimate that 5-10% of these are within the Delta.
9. URL, if a Website is Available:  
[http://www.waterboards.ca.gov/centralvalley/water\\_issues/storm\\_water/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/storm_water/index.shtml)

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10. How does adaptive management play a role in your program? Municipalities must meet the Maximum Extent Practicable (MEP) standard which is a technology-based standard established by Clean Water Act section 402(p)(3)(B)(iii). The technology-based standard establishes the level of pollutant reductions that municipalities must achieve. MEP is generally a result of emphasizing pollution prevention and source control best management practices as the first lines of defense in combination with structural and treatment methods as additional lines of defense. The MEP approach is an evolving, flexible, and advancing concept, which considers technical and economic feasibility.
11. Any additional information that would be helpful to understand the program: